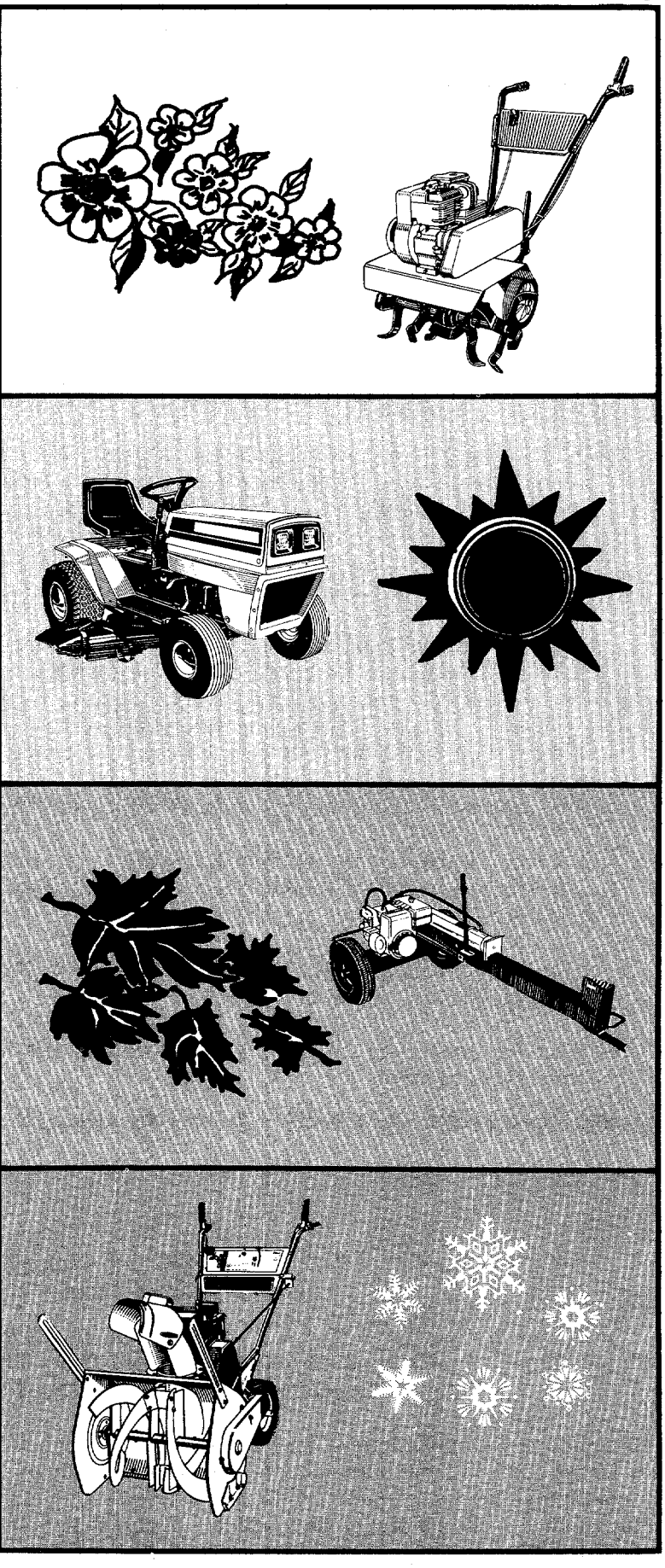
OWNER'S MANUAL

20″ REAR DISCHARGE ROTARY MOWER

Model Number 112-318A



Important:

Read Safety Rules and Instructions Carefully

Thank you for purchasing an American built product.

PRINTED IN U.S.A.

FORM NO. 770-1759

INDEX

Safe Operation Practices 3
Assembly 4
Controls 7
Operation 8
Adjustments 9
Lubrication 9
Maintenance 10
Off-Season Storage 12
Illustrated Parts 14
Repair Parts List 15
Parts Information ..... Back Cover

LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

WARNING

TO PURCHASERS
OF INTERNAL COMBUSTION ENGINE EQUIPPED
MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

TRAINING

1. It is suggested that this manual be read in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future reference and for ordering replacement parts.
2. Your rotary mower is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times.
3. Read this Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
4. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidently thrown by the mower in any direction and cause injury.

PREPARATION

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction and cause injury.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Do not wear loose fitting clothing that could get caught on the mower.
4. Check the fuel before starting the engine. Gasoline is an extremely flammable fuel. Do not fill the gasoline tank indoors, while the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine as it may cause a fire or explosion.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. Never attempt to make a wheel or cutting height adjustment while the engine is running.
7. Mow only in daylight or in good artificial light.
8. Never operate the equipment in wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.

OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade can cause injury.
3. Stop the blade when crossing gravel drives, walks or roads.
4. After striking a foreign object, stop the engine, remove the wire from the spark plug, and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade has stopped completely. The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
9. Do not run the engine indoors.
10. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
11. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
12. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
13. Never operate mower without proper guards, plates or other safety protective devices in place.
14. Keep washout ports and other mower-housing service openings closed when mowing.
15. **DO NOT OPERATE** this mower with the chute doors open, unless the complete grass catcher is properly mounted on the mower.

MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.

SAFE OPERATION PRACTICES (Continued)

2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.

BLADE BRAKE/CLUTCH MAINTENANCE

NOTE: Any required repair work on the blade brake/clutch should be performed by an authorized service dealer. If you cannot locate an authorized service dealer, contact the manufacturer as set forth on your copy of the Owner's Registration Card.

1. **The blade brake/clutch hand control is a safety device. Never attempt to bypass its operation.** Doing so makes the safety device inoperative and may result in personal injury through contact with the rotating blade. This hand control must operate freely in both directions.
2. Striking a solid object can cause damage to the blade brake/clutch or to the engine crankshaft. Extensive vibration of the mower during operation is an indication of damage and the unit should be inspected and repaired.
3. A leak in the lower engine crankshaft oil seal could expose the blade brake/clutch friction pads to excess oil resulting in blade or brake slippage, which could increase the stopping time of the blade. Oil collection on the floor beneath the mower during storage may be an indication of an oil seal leak. The unit should be checked by an authorized service dealer.
4. Periodically inspect the inner control cable in the area where it attaches to the hand control. It the cable becomes frayed, it could cause the blade brake/clutch to operate improperly. Also, be careful to avoid pinching the blade brake/clutch control cable when using the folding handle feature (on units so equipped).

ASSEMBLY

NOTE

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and engine oil recommendations.

Contents of Hardware Pack: (See Figure 1)

A (2) Hand Knobs
B (2) Curved Carriage Bolts 5/16-18 x 1.75″ Long
C (2) Hairpin Cotters
D (2) Cable Ties

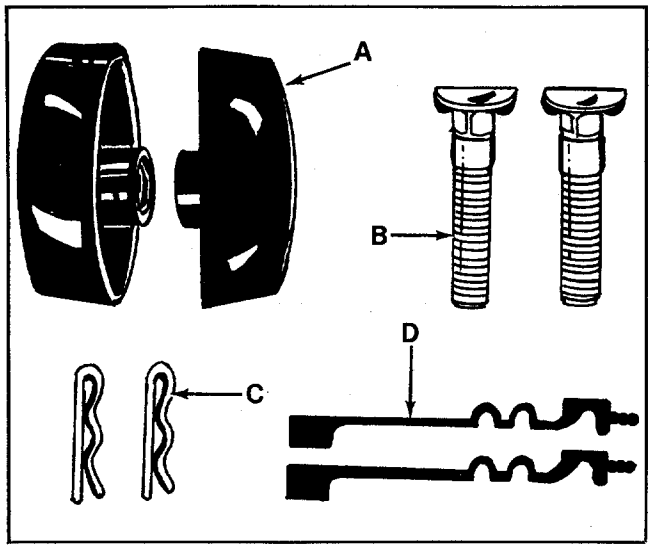


FIGURE 1.

1. Remove the lawn mower, loose parts, hardware pack and literature from the carton. Make certain all parts and literature have been removed before the carton is discarded.
2. Extend the upper handle with control wires attached and place on the floor. Be careful not to bend or kink control wires.

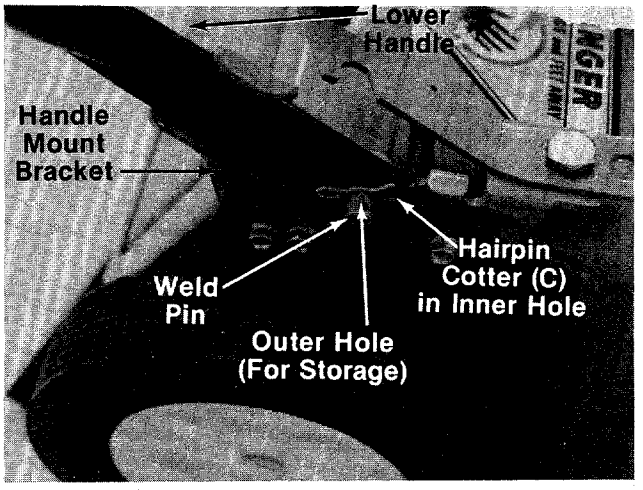


FIGURE 2.

3. Place lower handle in position over weld pins in handle mount brackets on deck. Secure by placing two hairpin cotters (C) in inner hole on weld pins. See figure 2.

NOTE

It may be necessary to bend the ends of the lower handle inward slightly to obtain a snug fit against the bracket.

NOTE

There are two (2) holes in the handle mount brackets. Place hairpin cotter in the inner hole for operation. The outer hole is for storage. See figure 2.

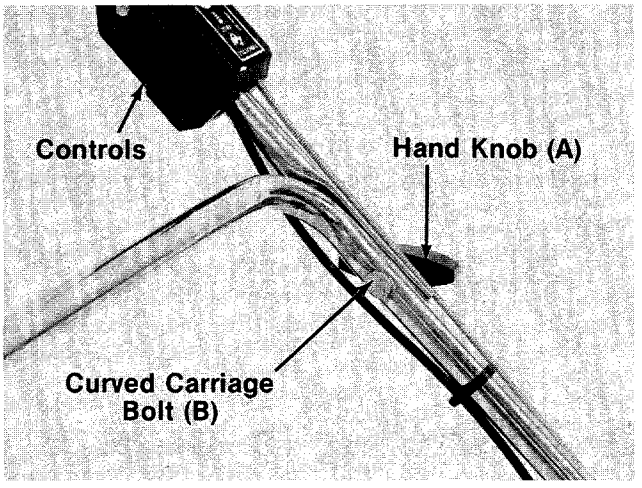


FIGURE 3.

4. Place upper handle in position over lower handle. Controls should be on the **left** side of the handle. Blade brake/clutch control wire must be assembled so that it is **behind** the handle as shown in figure 3.

   Secure with two carriage bolts (B) and hand knobs (A) as shown in figure 3. The knobs can be either to the inside or outside of the handle.

NOTE

Reference to left or right side of machine is determined from operator's position at the handle facing forward.

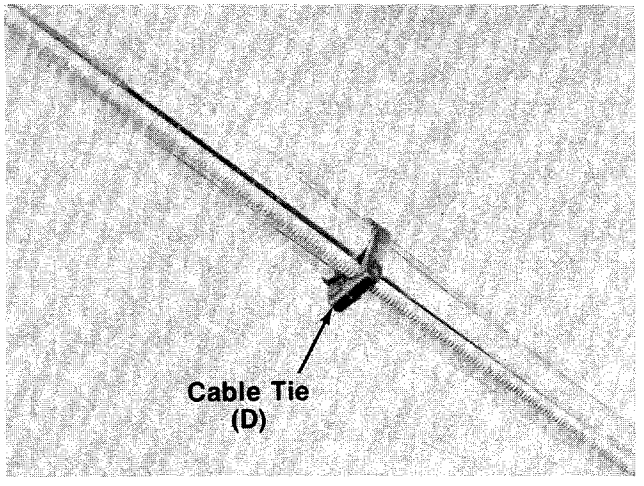


FIGURE 4.

5. Secure throttle control cable and blade brake/clutch cable to upper and lower handles with cable ties (D) provided. See figure 4.
6. Check **all** nuts and bolts for correct tightness.

Grass Catcher Assembly

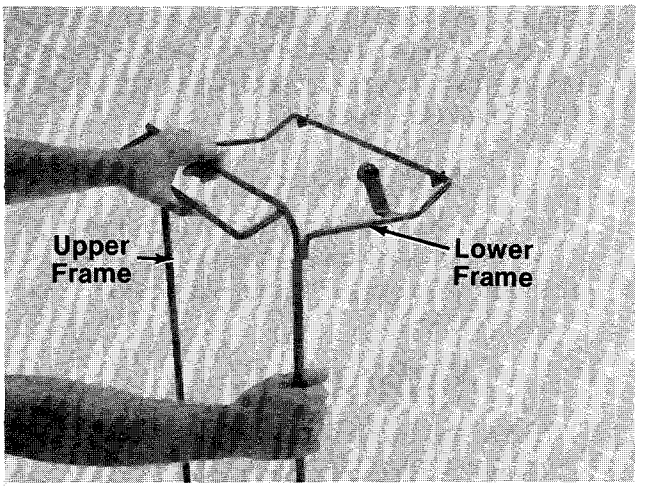


FIGURE 5.

1. Join the upper frame and lower frame assembly as shown in figure 5.

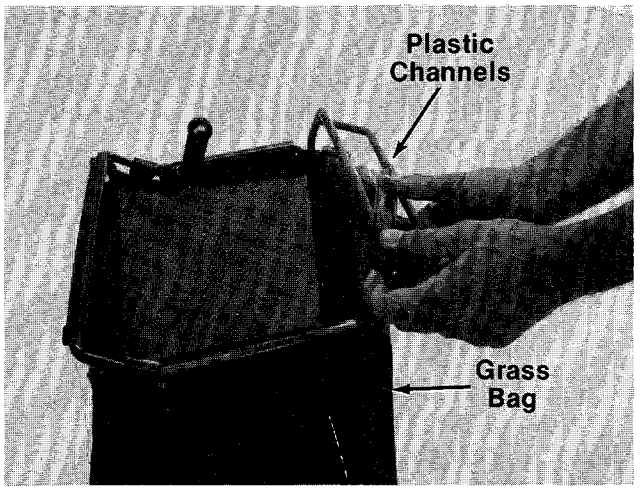


FIGURE 6.

2. Place bag over frame (black plastic side is the bottom of bag). Upper frame goes to the top of bag.
3. Secure bag to frame by slipping plastic channels on bag over frame. See figure 6.

To Attach Bag to Mower

WARNING

DO NOT operate the mower with the chute door open unless the complete grass catcher is properly mounted on the mower.

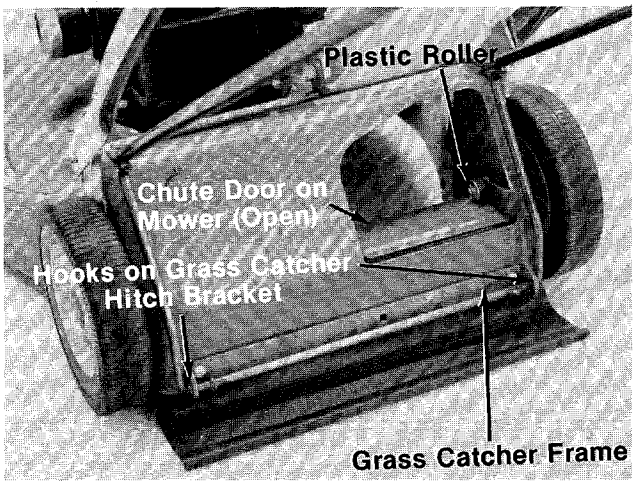


FIGURE 7.

1. Attach the grass catcher frame to grass catcher hitch bracket on rear of the mower by hooking grass catcher into hooks on grass catcher hitch bracket. See figure 7.
2. Lift the rear of grass catcher up. The roller on the grass catcher will push the chute door on the mower open. See figure 7.

NOTE

Figure 7 is shown with the chute door open for photo clarity only.

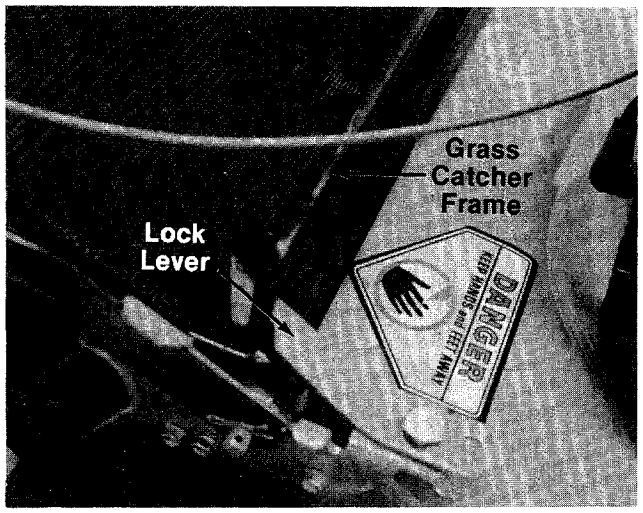


FIGURE 8.

The grass catcher frame will snap into place, secured by the lock lever. See figure 8.

←To remove the grass catcher, unhook the lock lever and slip the grass catcher off the unit. See figure 8.

CONTROLS

THROTTLE CONTROL

The throttle is located on the left side of handle. It controls engine speed. See figure 9.

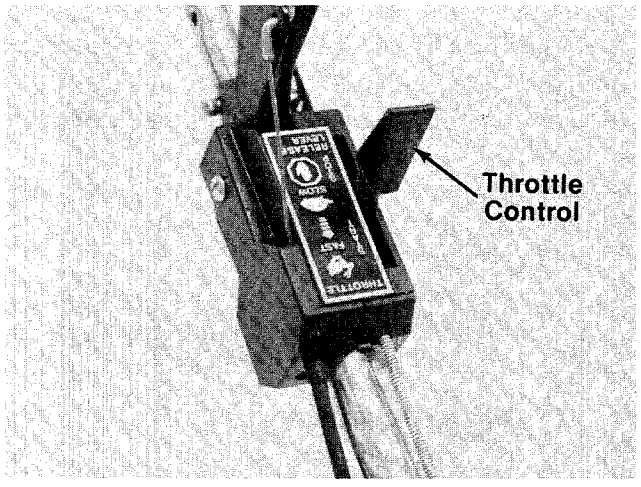


FIGURE 9

BLADE BRAKE/CLUTCH CONTROL

WARNING
THIS CONTROL MECHANISM IS A SAFETY DEVICE. NEVER ATTEMPT TO BYPASS ITS OPERATIONS

The blade brake/clutch control is located on the upper handle of the mower. The clutch handle engages and disengages the blade.

To engage the blade, pull the side release lever away from the unit. See figure 10. Pull the clutch control handle against the upper handle. Release side lever.

Release the clutch control handle to stop the blade from turning.

NOTE

If the engine should stall when the blade is engaged, move the throttle control lever to a faster engine speed.

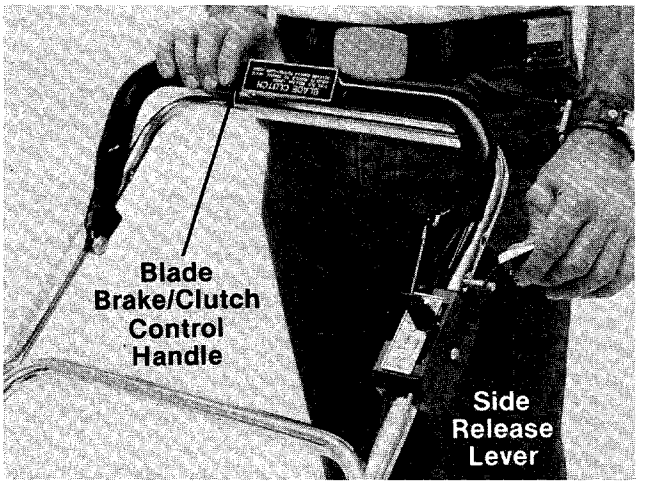


FIGURE 10.

OPERATION

DO NOT OPERATE THIS MOWER WITH THE CHUTE DOOR OPEN, UNLESS THE COMPLETE GRASSCATCHER IS PROPERLY MOUNTED ON THE MOWER.

FIGURE 11.

Keep hands and feet away from the chute area on cutting deck. See figure 11.

NOTE

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results raise the cutting position until it is determined which height is best for your lawn. See adjustment section.

BEFORE STARTING

1. Fill sump with oil, using a high quality detergent oil classified "For Service SC, SD, SE or MS." Nothing should be added to the recommended oil.

   Use SAE 30 oil. If not available, use SAE 10W-30 oil.

   Place the engine level. Remove oil dipstick. Fill the oil sump to full mark on dipstick. Pour slowly. Capacity 1¼ pints.

2. Fill fuel tank, using clean, fresh, leaded **regular** grade automotive gasoline. Fill tank completely!

   DO NOT MIX OIL WITH GASOLINE.

3. Attach spark plug wire to spark plug.

START ENGINE

1. Move throttle control lever to "START" position.
2. Crank engine, pulling recoil starter with a quick firm pull. Do not pull out so far that rope stops with a jerk as this will cause rope failure. Do not allow rope and handle to snap back into place.
3. After two or three full firm pulls on recoil, or as soon as engine starts, move throttle control to run position.

TO STOP

1. Release the blade brake/clutch handle to stop the blade. To stop engine, move throttle control lever to "STOP" position.
2. Remove spark plug wire from spark plug to prevent accidental starting while equipment is unattended.

USING YOUR ROTARY MOWER

Operate a new engine at intermediate speeds and light load for the first few hours as you would a new automotive engine.

Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine.

For the best results, do not cut wet grass because it tends to stick to the underside of the mower, preventing proper bagging of grass clippings. If wet grass must be cut, reduce walking speed.

New grass, thick grass or wet grass may require a narrower cut. Blade speed should be adjusted to the condition of the lawn.

For best results, cut off one-third or less of the total length of the grass. Lawn should be cut in the fall as long as there is growth.

This mower is designed to be operated at full throttle to give you the best cut and do the most effective job of bagging the cut grass.

IMPORTANT

If you strike a foreign object, stop the engine. Disconnect the wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

Striking a solid object can cause damage to the blade brake/clutch or to the engine crankshaft. Extensive vibration of the mower during operation is an indication of damage. The unit should be inspected and repaired.

WARNING

Unless the entire grass catcher is correctly positioned on the mower, do not open the discharge chute door when the engine is running.

ADJUSTMENTS

CAUTION

Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

CUTTING HEIGHT

An adjusting plate and thumb lever at each wheel position provides cutting height adjustment. Each adjusting plate has five holes. Height of cut will be changed when the thumb lever is moved from one hole to another. Simply depress thumb lever towards wheel and move wheel and lever assembly to desired position. All wheels must be placed in the same relative position.

THROTTLE

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

1. Loosen, but do not remove, screw securing throttle control wire assembly at engine. See figure 12.

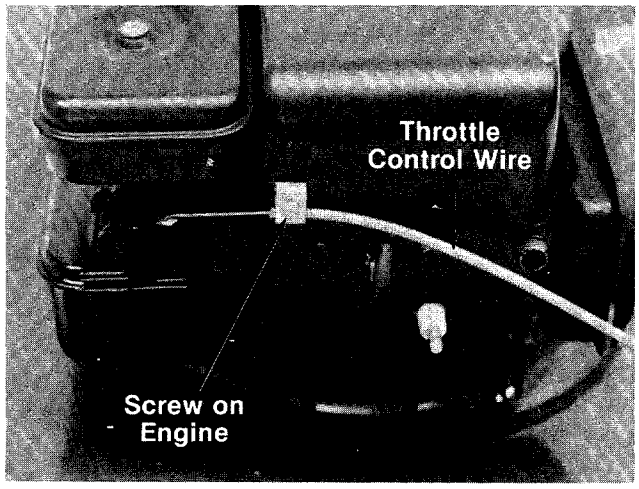


FIGURE 12.

2. Move throttle control lever on handle to "FAST" position.
3. Move lever, to which control wire is fastened at engine, to full open position and retighten screw to secure throttle control wire assembly.

CARBURETOR ADJUSTMENTS

WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

All carburetor adjustments should be made with the air cleaner on engine. Air cleaner mounting screw must be in carburetor when engine is run. Best adjustment is made with a fuel tank half full of gasoline.

To adjust carburetor, refer to the separate engine manual packed with your mower.

LUBRICATION

IMPORTANT

Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

Discharge Chute Door Mechanism—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Door must work freely.

Wheels—Mower is provided with ball bearing wheels. Lubricate at least once a season with light oil. Also, if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

Engine—Follow engine manual for lubrication instructions.

Throttle—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil for ease of operation.

MAINTENANCE

WARNING

Be sure to disconnect and ground the spark plug wire before performing any repairs or maintenance.

CUTTING BLADE

To remove the cutting blade for sharpening or replacement, remove the two hex nuts and lock washers which hold the blade to the blade brake/clutch. See figure 13.

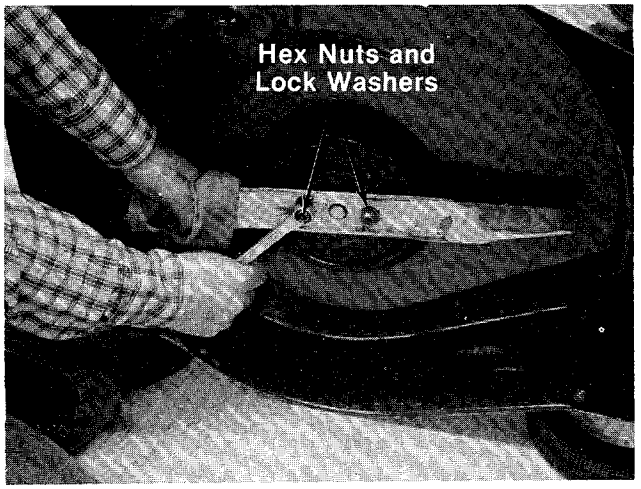


FIGURE 13.

When sharpening the blade, follow the original angle of grind as a guide. It is **extremely important** that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds, may cause damage to the mower and could break, causing personal injury.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with part number) facing the ground when the mower is in the operating position.

Blade Mounting Torque

3/8" Dia. Nuts 350 in. lb. min., 600 in. lb. max.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

DECK

The underside of mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.

CAUTION

Do not direct the stream of water at a hot engine as damage to the engine may result.

ENGINE OIL

Check oil level before starting and after every 5 hours of operation. ADD oil as necessary to keep level to full mark on dipstick. Before removing dipstick, clean area around dipstick to prevent dirt from entering oil fill tube. Engine should be in a level position when checking oil.

Change oil after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained thru oil fill tube by tipping the unit on its side. Oil capacity 1-¼ pints.

AIR CLEANER

Service air cleaner every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced.

To service air cleaner, refer to the separate engine manual packed with your mower.

SPARK PLUG

The spark plug should be cleaned and the gap reset once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type and gap specifications.

BLADE BRAKE/CLUTCH

This unit is equipped with a blade brake/clutch. If for some reason the blade brake/clutch becomes inoperative, it is suggested that the complete unit as shown in figure 14 be returned to the factory for a replacement.

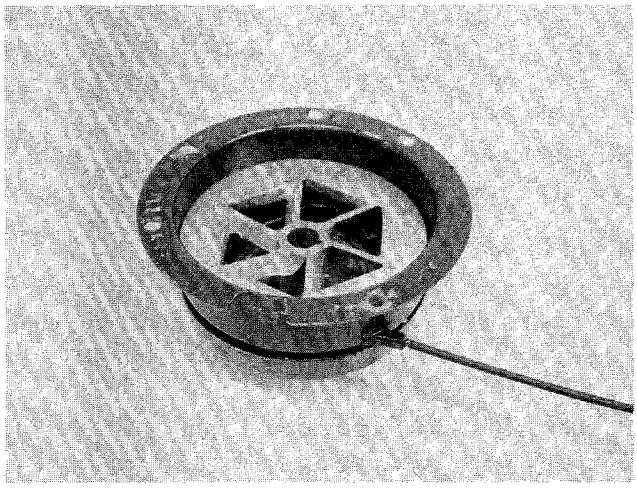


FIGURE 14. BLADE BRAKE/CLUTCH

All repair work on the blade brake/clutch should be performed by an authorized service dealer. The unit should be inspected by an authorized service dealer if any of the following conditions are noticed.

1. Frayed clutch control cable.
2. Leaking oil seal (oil collection on the floor during mower storage).
3. Extensive vibration of the unit.

Blade Brake/Clutch Removal

1. Disconnect the spark plug wire and ground it against the engine block.
2. Empty fuel tank and drain oil from crankcase.
3. Remove the cable ties which secure control cables to the handle.
4. Remove one truss machine screw on the inside of control housing as shown in figure 15. Loosen the truss machine screw on the outside of the control housing until the inside half of control housing can be lifted off.

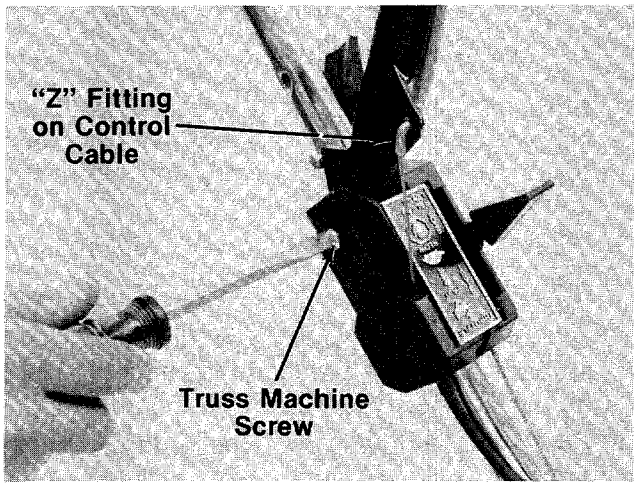


FIGURE 15.

5. Disconnect the "Z" fitting on the blade brake/clutch cable from the clutch control handle. See figure 15. Slide the blade brake/clutch cable out of the control housing.
6. Disconnect the throttle control cable from the engine by loosening screw on engine and disconnecting the "Z" fitting. See figure 16.

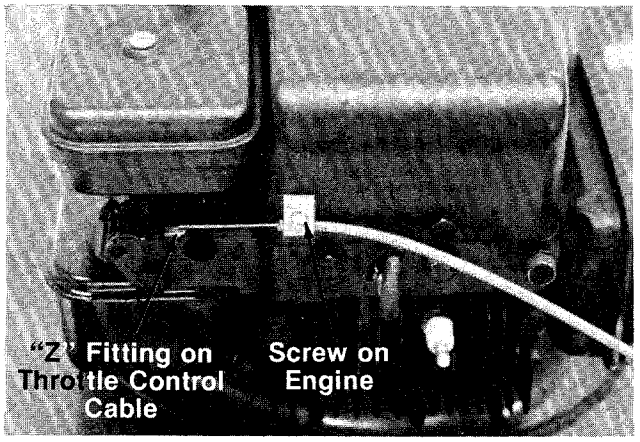


FIGURE 16.

7. Tip the mower on its side. Remove the blade by removing two hex nuts and lock washers. Refer to figure 13.

NOTE

When reassembling, tighten hex nuts to between 350 and 600 in. lbs.

8. Remove the baffle from the deck by removing three hex nuts, lock washers and carriage bolts, then three self-tapping screws located near the discharge opening. See figure 17. A 7/16" wrench and 5/16" wrench are required.

NOTE

When reassembling, heads of the carriage bolts must be to the inside of the baffle.

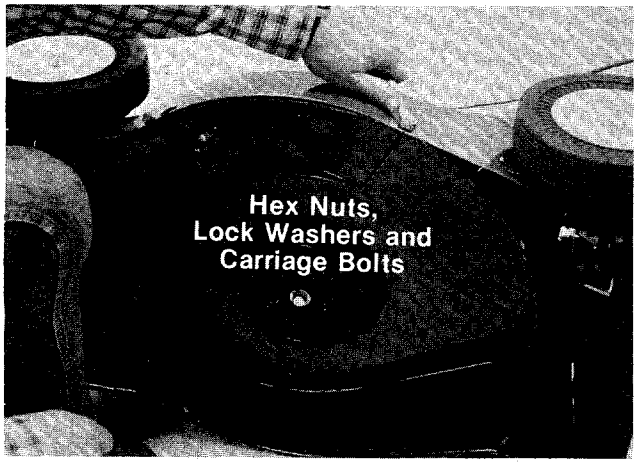


FIGURE 17.

9. Remove the center bolt as follows.
   a. Insert a screwdriver into the slot provided in the blade brake/clutch housing where the control cable enters housing. See figure 18.
   b. Place a 9/16" wrench on the center bolt. Turn the wrench slowly until the screwdriver catches in a groove provided inside the clutch. The screwdriver will now keep the clutch from turning, and the center bolt, and two belleville washers may be removed.

IMPORTANT

Upon reassembly, be certain to tighten center bolt to between 450 and 600 in. lbs.

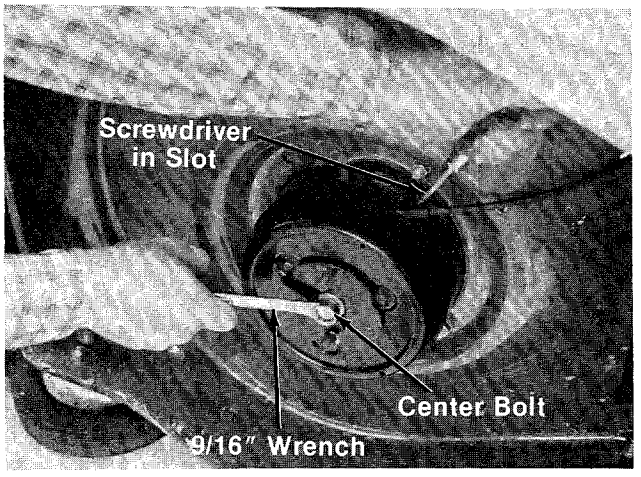


FIGURE 18.

10. Support the engine with one hand. Remove the three self-tapping screws which secure the deck and blade brake/clutch to the engine. A ½" socket wrench is required. See figure 19.

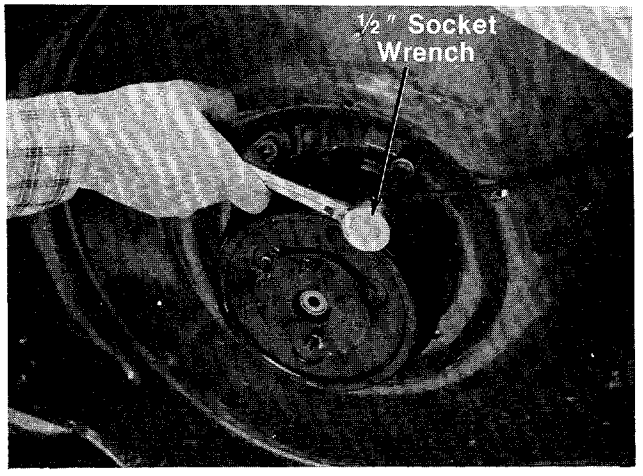


FIGURE 19.

11. Slide the blade brake/clutch cable through the hole in the deck as you lift off the engine and blade brake/clutch. Be careful not to kink control cable.
12. Remove blade brake/clutch from engine crankshaft.

Blade Brake/Clutch Installation

2. Place the two belleville washers onto crankshaft. Cupped side of washers must be against the blade brake/clutch. Secure with hex bolt finger tight only.
2. Place the flat washer and lock washer onto crankshaft. Secure with hex bolt finger tight only.
3. Place cable through engine mounting hole on deck.
4. Reverse steps 1 through 11 of preceding section for reassembly.

OFF-SEASON STORAGE

If the machine is to be inoperative for a period longer than 30 days, the following precautions are recommended:

1. Working outdoors, drain all fuel from the fuel tank. Use a clean dry cloth to absorb the small amount of fuel remaining in the tank, then run the engine until all fuel in carburetor is exhausted.

WARNING

Do not drain fuel while smoking, or if near an open fire.

2. Drain all the oil from the crankcase (this should be done after the engine has been operated and is still warm) and refill the crankcase with clean new oil.
3. Disconnect the spark plug wire and remove the spark plug from the cylinder. Pour about 2 or 3 tablespoons of engine oil into the cylinder. Turn the engine over several times to spread out the oil. Replace the spark plug, but do not connect the wire.
4. Clean the engine and the entire mower thoroughly.
5. Lubricate all lubrication points.

HANDLE STORAGE

The handle can be stored in an upright position to take less space. Move hairpin cotters to outer hole on weld pins (see figure 2). Grasp the lower handle at the bottom and pull apart slightly. Tip the handle forward. It will lock in this position. Reverse this procedure to place the handle in the operating position.

This model may also be folded away completely for storage.

CAUTION

Be careful not to kink or pinch blade brake/clutch cable when folding the handle for storage.

1. Remove hairpin cotters from inner hole on weld pins on handle mount brackets. Place in outer hole.
2. Loosen the two hand knobs on the inside of the handle.
3. Push outward on the bottom of each side of the lower handle, and push forward.
4. Fold the upper handle back and down.

To take the handle out of storage position, proceed as follows.

1. Lift the upper handle up and towards the rear.
2. Pull the handle back until it locks into the operator's position.
3. Tighten the two hand knobs securely.
4. Move the hairpin cotters to the inner hole on the weld pins.

NOTE

The use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer is **not** recommended.

WARNING

DO NOT operate the mower with the chute door open unless the complete grass catcher is properly mounted on the mower.

WARNING

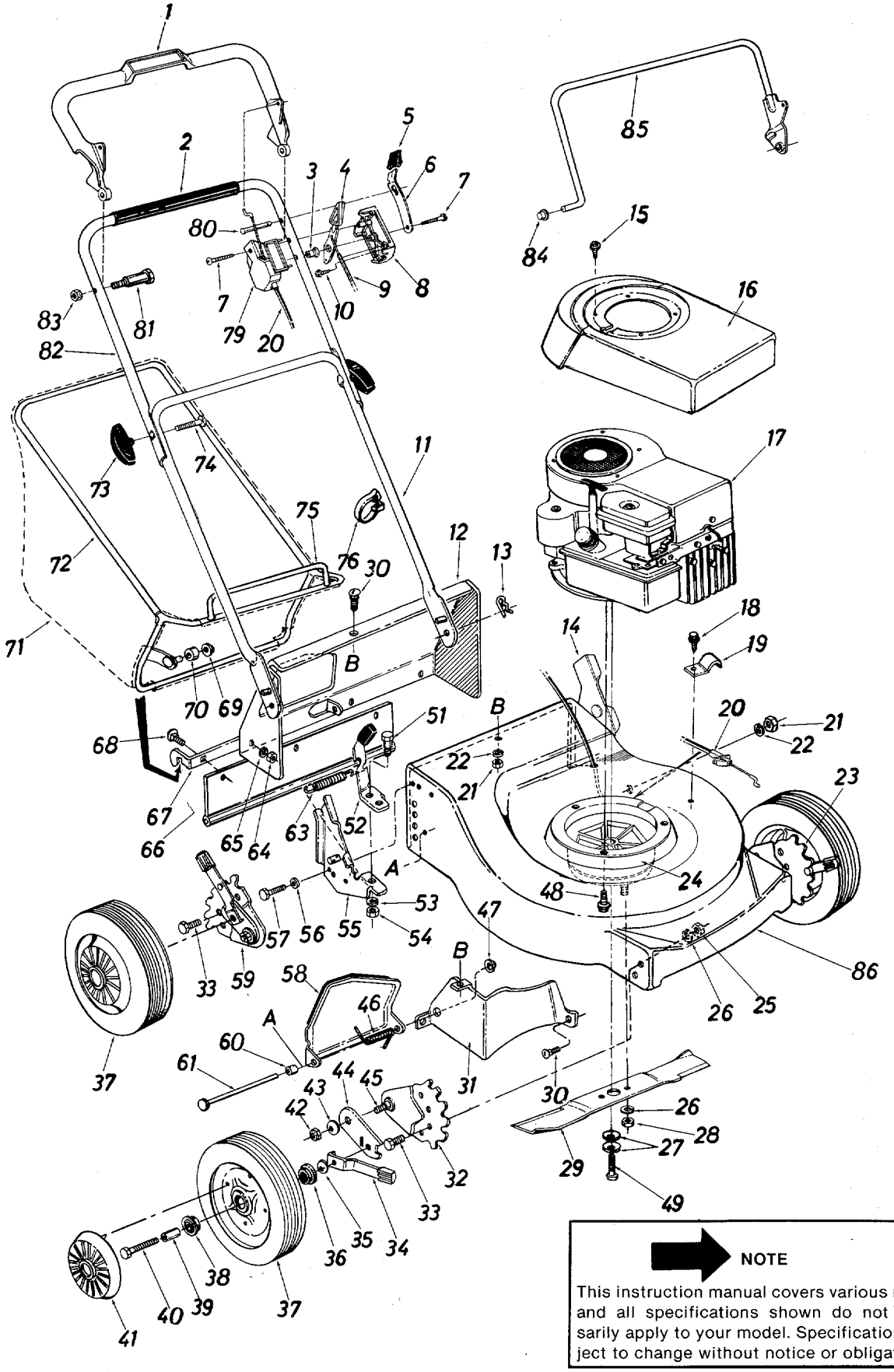
The mower shall not be operated without the protective shield on the rear of the mower in place.

NOTE

Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0171.

Model 318



NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

Model 318

PARTS LIST FOR MODEL 318 ROTARY MOWER

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0527		Clutch Control Handle	
2	718-0145		Grip	
3	731-0524		Control Disc Pin	
4	731-0528		Throttle Control Lever w/Knob	
5	720-0190		Knob	
6	732-0401		Lockout Spring	
7	710-0796		Truss Mach. Hd "B" Tap Scr. #12 x 1.50" Lg.	
8	731-0523		Control Panel Half	
9	746-0432		Conduit and Wire Throttle 64" Lg.	
10	710-0200		Hex Wash. Hd. "B" Tap Scr. #8 x .50" Lg.	
11	749-0505		Lower Handle	N
12	14585		Rear Deck Section	N
13	714-0104		Internal Cotter Pin	
14	12297		Handle Mount Brkt.—L.H.	
15	710-0227		Hex Wash. Hd. AB Tap Scr. #8 x .50" Lg.	
16	731-0303		Shroud	
17	—		Engine	
18	710-0642		Hex Wash. Hd. Self-Tap Scr. ¼-20 x .75" Lg.	
19	12894		Cable Clamp	
20	746-0401		Clutch Cable 48.0" Lg.	
21	712-0287		Hex Nut ¼-20 Thd.*	
22	736-0329		L-Wash. ¼" I.D.*	
23	12321		Height Adjuster Ass'y. Comp.—L.H.	
24	717-0481		Blade Brake/Clutch Ass'y. Comp.	
25	712-0798		Hex Nut 3/8-16" Thd.*	
26	736-0169		L-Wash. 3/8" I.D.*	
27	736-0105		Belleville Wash.	
28	712-0328		Hex Nut 3/8-24 Thd.—Grade 8	
29	742-0220		Blade 20"	
30	710-0167		Carriage Bolt ¼-20 x .50" Lg.*	
31	14586		Rear Baffle	
32	12323		Index Plate	
33	710-0209		Hex Sems Bolt 3/8-16 x .62" Lg.*	
34	732-0394		Spring Lever With Knob	
35	736-0105		Belleville Wash.	
36	741-0267		Ball Bearing 3/8" I.D.	
37	734-0845		Wheel Ass'y. Com. 8 x 1.75	
38	741-0484		Ball Bearing ½" I.D.	
39	750-0434		Spacer	
40	710-0427		Hex Bolt 3/8-16 x 2.0" Lg.*	
41	731-0124		Hub Cap	
42	712-0375		Hex Cent. L-Nut	
43	736-0255		Belleville Wash.	
44	10619		Pivot Bar	
45	738-0269		Shoulder Bolt	
46	732-0346		Torsion Spring	
47	726-0106		Cap Speed Nut ¼" Rod	
48	710-0654		Hex Wash. Hd. Self-Tap Scr. 3/8-16 x .88" Lg.	
49	710-0818		Hex Lock Bolt 3/8-24 x 2.00" Lg.—Grade 8	
51	738-0155		Shoulder Bolt .437" Dia. x .162" Lg.	
52	14845		Grass Catcher Lock Lever	N
53	736-0119		L-Wash. 5/16" I.D.*	
54	712-0267		Hex Nut 5/16-18 Thd.*	
55	14592		Handle Mount Brkt.—R.H.	N
56	736-0142		Fl-Wash. .281" I.D. x .50" O.D. x .063	
57	710-0776		Hex Wash. Hd. Self-Tap Scr. ¼" x .62" Lg.	
58	13407		Chute Door	
59	12322		Height Adjuster Ass'y. Comp.—R.H.	
60	750-0218		Spacer .262" I.D. x .31" O.D. x .58" Lg.	
61	738-0386		Hinge Pin .25" Dia. x 7.88" Lg.	
63	732-0357		Extension Spring .33" O.D. x 1.10" Lg.	
64	712-0271		Hex Sems Nut ¼-20 Thd.	
65	736-0211		Fl-Wash. .285" I.D. x 1.25" O.D.	
66	731-0432		Rear Protective Flap Ass'y.	
67	14012		Grass Catcher Hitch Brkt.	
68	710-0703		Carriage Bolt ¼-20 x .75" Lg.*	
69	726-0100		Cap Speed Nut 3/8" Rod	
70	731-0430		Plastic Roller	
71	764-0171		Grass Bag	
72	749-0278		Grass Catcher Upper Frame	
73	09966		Hand Knob	
74	710-0405		Curved Hd. Carriage Bolt 5/16-18 x 1.75" Lg.	
75	14582		Lower Grass Catcher Frame Ass'y.	N
76	726-0188		Cable Tie	
79	731-0522		Clutch Control Panel Half	
80	711-0719		Lock Pin .314" Dia. x 1.80" Lg.	
81	738-0506		Shoulder Bolt .375" Dia. x .560" Lg.	
82	749-0433		Upper Handle	
83	712-0305		Hex Cent. L-Nut 5/16-18 Thd. (w/Patch)	
84	728-0135		Push Nut 5/16" Rod (Optional)	
85	14325		Clutch Control Handle (Optional)	
86	14505		20" Deck Ass'y. Comp.	N

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(462—Red Flake)

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Red Flake Finish—10292 (462).)

NOTE: The engine is not under warranty by the mower manufacturer...If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and servic should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline,** Briggs & Stratton or Tecumseh Lauson.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

ALABAMA	**BIRMINGHAM**	
Auto Electric & Carburetor Co.	2625 4th Ave. S.	35233
ARKANSAS	**FORT SMITH**	
Mity Mite Motors, Inc.	4515 S. 16th St.	72901
	NORTH LITTLE ROCK	
Sutton's Lawn Mower Shop	Rt. 4, Box 368	72117
CALIFORNIA	**PORTERVILLE**	
Billious	75 North D Street	93257
COLORADO	**DENVER**	
Spitzer Industrial Products Co.	6601 N. Washington St., Box 29114	80229
FLORIDA	**JACKSONVILLE**	
Radco Distributors	4909 Victor St., Box 5459	32207
	OPA LOCKA	
Small Eng. Dist.	2351 N.W. 147th St.	33054
GEORGIA	**EAST POINT**	
East Point Cycle & Key	2834 Church St.	30344
ILLINOIS	**LYONS**	
Keen Edge Co.	8615 Ogden Ave.	60534
INDIANA	**ELKHART**	
Parts & Sales Inc.	2101 Industrial Pkwy.	46514
IOWA	**DUBUQUE**	
Power Lawn & Garden Equip.	2551 J.F. Kennedy	52001
LOUISIANA	**NEW ORLEANS**	
Suhren Engine Co.	8330 Earhart Blvd.	70118
MARYLAND	**TAKOMA PARK**	
Center Supply Co.	6867 New Hampshire Ave.	20012
MASSACHUSETTS	**SPRINGFIELD**	
Morton B. Collins Co.	300 Birnie Ave.	01107
MICHIGAN	**LANSING**	
Lorenz Service Co.	2500 S. Pennsylvania	48910
	MOUNT CLEMENS	
Power Equipment Dist.	340 Hubbard	48043
MINNESOTA	**HOPKINS**	
Hance Distributing Inc.	420 Excelsior Ave. W.	55343
MISSISSIPPI	**BILOXI**	
Biloxi Sales & Service, Inc.	506 Caillavet St.	39533
MISSOURI	**KANSAS CITY**	
Automotive Equip. Service	3117 Holmes St.	64109
	ST. JOSEPH	
Ross-Frazier Supply Co.	8th and Monterey	64503
	ST. LOUIS	
Henzler, Inc.	2015 Lemay Ferry Rd.	63125
NEW JERSEY	**BELLMAWR**	
Lawnmower Parts Inc.	717 Creek Rd.	08030
NEW MEXICO	**ALBUQUERQUE**	
Spitzer Eng. & Parts	1023 Third St. N.W.	87103
NEW YORK	**CARTHAGE**	
Gamble Dist., Inc.	West End Ave.	13619
NORTH CAROLINA	**GOLDSBORO**	
Smith Hardware Co.	515 N. George St.	27530
	GREENSBORO	
Dixie Sales Company	335 N. Green	27402
OHIO	**CARROLL**	
Stebe's Mid-State Mower Supply	71 High St., Box 366	43112
	CLEVELAND	
Bleckrie, Inc.	7900 Lorain Ave.	44102
	WADSWORTH	
National Central	687 Seville Rd.	44281
	YOUNGSTOWN	
Burton Supply Co.	1301 Logan Ave., Box 929	44501
OKLAHOMA	**MUSKOGEE**	
Victory Motors, Inc.	605 S. Cherokee	74401
OREGON	**PORTLAND**	
Kenton Supply Co.	8216 N. Denver Ave.	97217
PENNSYLVANIA	**HARRISBURG**	
EECO Inc.	4021 N. 6th St.	17110
	PHILADELPHIA	
Thompson Rubber Co.	5222-24 N. Fifth St.	19120
	PITTSBURGH	
Bluemont Co.	11125 Frankstown Rd.	15235
	PUNXSUTAWNEY	
Frank Roberts & Sons	R.D. 2	15767
TENNESSEE	**KNOXVILLE**	
Master Repair Service	2000 Western Ave.	3792[illegible]
	MEMPHIS	
American Sales & Service, Inc.	3035-43 Bellbrook	3811[illegible]
TEXAS	**DALLAS**	
Marr Brothers, Inc.	423 E. Jefferson	75203
	FORT WORTH	
Woodson Sales Corp.	1702 N. Sylvania	76111
	HOUSTON	
Bullard Supply Co.	2409 Commerce St.	77003
UTAH	**SALT LAKE CITY**	
A-1 Engine & Mower Co.	437 E. 9th St.	84111
VERMONT	**BURLINGTON**	
Vermont Hdwe. Co. Inc.	180 Flynn Ave.	05401
VIRGINIA	**ASHLAND**	
RBI Corp.	Lake Ridge Park, 101 Cedar Run Dr.	23005
WASHINGTON	**SEATTLE**	
Bailey's Inc.	1414 14th Ave.	98102
WEST VIRGINIA	**CHARLESTON**	
Young's, Inc.	233 Virginia St., E.	25301
WISCONSIN	**MARSHFIELD**	
Power Pac	301 E. 29th St.	54449

WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. **Replacement of Missing Parts** on new equipment.
2. **Replacement of Defective Parts** within the warranty period.
3. **Repair of Defects** within the warranty period.

All claims MUST be substantiated with the following information:

1. **Model Number** of unit involved.
2. **Date** unit was purchased or first put into service.
3. **Date of failure.**
4. **Nature of failure.**